PATENT
409475-14 (SHUS805)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: SHUSTER et al.

Serial No.:   09/386,529

Filed: August 30, 1999

Title: SYSTEM, APPARATUS AND METHOD
FOR HOSTING AND ASSIGNING DOMAIN
NAMES ON A WIDE AREA NETWORK

Art Unit: 2153

Examiner: Anita Choudhary

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Technology Center 2100

DECLARATION OF PRIOR INVENTION TO OVERCOME CITED PATENT OR PUBLICATION (37 C.F.R. § 1.131)

Sir:

I, Brian Shuster, declare that:

1.   I am a citizen of the United States.

2.   This declaration is submitted to establish completion of the invention in the above-identified patent application in the United States, a NAFTA country or a WTO member country, at a date prior to August 6, 1999, that is the filing date of Stanbach Jr. et al. (Publication No. US-2002/0010794 A1) cited by the Examiner.

3.   I am a co-inventor, together with Johnson Leong, Matthew Price, Brian Lam and Desmond Ford Johnson, of the claimed subject matter in the above-identified patent application ("the subject application").

4.   We conceived the invention as described and claimed in the subject application prior to August 6, 1999. A written disclosure of the invention was provided to patent counsel for purposes of filing the subject application prior to August 6, 1999.

LA2:628664.1

We worked diligently among ourselves and with the patent counsel in the preparation and filing of the subject application. The subject application was filed on August 30, 1999. A copy of the written disclosure is attached hereto as Exhibit 1.

5.   The Examiner cited Stanbach Jr. et al. to reject Claim 8 under 35 U.S.C. §102(e). The Examiner further cited Stanbach Jr. et al. to reject Claims 1-7 and 9 under 35 U.S.C. §103(a). I have not reviewed Stanbach Jr. et al., and therefore make no representations regarding the teaching of the reference or whether the Examiner's characterization of the reference is accurate.

6.   The written disclosure attached as Exhibit 1 includes a description on hosting domain names and assigning domain names to users as described and claimed in the subject application. In addition, Exhibit 1 includes a computer software code implementing the invention. The dates on the documents attached as Exhibit 1 are all prior to August 6, 1999.

. 7.   Based on the foregoing and MPEP § 715, I believe that we have reasonably shown:

> a) reduction to practice of the invention prior to the effective date of the reference; or
>
> b) conception of the invention prior to the effective date of the reference coupled with due diligence from prior to reference date to a subsequent (actual) reduction to practice; or
>
> c) conception of the invention prior to the effective date of the reference coupled with due diligence from prior to the reference date to the filing date of the application (constructive reduction to practice).
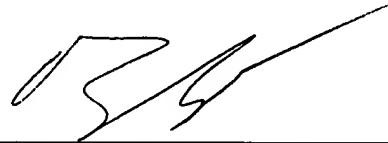
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements

and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 8/7/02

Brian Shuster

Exhibit

URL Request Process

URL Request Process Flow Diagram

[<Back]

This document is an overview of the process in which the WebJump frameset, banner advertising, and client content is served to the client browser.

WebJump client website URL requests initiate a process that allows for direct client browser access to specific subdomain directories within webjump.com. The process incorporates the client webpage into a WebJump generated frameset page, which allows for the continuous display of WebJump advertising banners in the upper frameset of all WebJump hosted sites, and displays client generated content in the lower frameset.

Subdomain Naming

Initially, WebJump clients are allowed to choose their own unique WebJump name. WebJump client root directories are assigned using unique client requested names, which then become subdomains of the webjump.com domain. For example, the client requested name "newslink" becomes accessible as the URL "http://newslink.webjump.com".

All unique WebJump subdomain client requests resolve to the virtual IP address of 216.49.10.200.

URL Request Flow

Resonate Schedulers

WebJump subdomain requests are first routed into Resonate schedulers (S1), which perform the function of simultaneously load balancing all URL requests for processing by the redirector units.

Redirectors

Upon receiving URL requests, the redirector units (R1, R2, R3) parse the URL requests into new directories in the "freehosting" subdomain.

For example, the client URL request "http://newslink.webjump.com" is parsed by the redirector to http:/freehosting.at.webjump.com/ne/newlink-webjump/..

The redirectors send the client browser an empty HTML frameset file. The frameset file consists of four frames. Three of the frames reside in the upper portion of the client browser screen, and are used to display the banner ads. The fourth frame is the largest and is used to display the client webpage content. The redirector script used is named redir.asp.

Client Browser

The client browser receives the empty frameset file from the redirector. The frameset file immediately calls back a request for the banner ad and client HTML files. The URLs for the banner file requests are as follows:

- http://bannervip.webjump.com/webjump/revenue_ad.asp
- http://bannervip.webjump.com/webjump/navigation.asp
- http://bannervip.webjump.com/webjump/house_ad.asp

The URL request for the client portion of the browser window is also sent by the client browser, which, for example, would be http://freehosting.at.webjump.com/ne/newslink-webjump/..

The new URL requests resolve to the virtual IP address of 216.49.10.245

Resonate Schedulers

The Resonate schedulers receive the new URL requests from the client browser. The three banner URL requests are then forwarded to the banner webservers, which in turn deliver the banner ads to their respective client webpage frames.

The Resonate scheduler also determines if client files are likely Warez files, based on instructions which look at file size and extension type. These files are routed to the W6 NT Webserver, which has significantly reduced bandwidth than the others.

All other files are routed to the W1, W2, W3, W4, W7, W8, W9, W10 NT Webservers.

NetApp Servers

All WebJump NT Webservers directly access the NetApp Servers for client HTML file information. The client website information is accessed from the NetApp servers and sent out through the NT Webservers to the webpage.

Contact Tom Proctor (tomp@infonent.com) to update any information.

```
1: <%
2: host=Request.ServerVariables("REMOTE_HOST")
3: referer=Request.ServerVariables("HTTP_REFERER")
4: if InStr(referer,"216.49.10.") > 0 then
5:     Session("topon") = "1"
6: else
7:     Session("topon") = ""
8: end if
9: sagent = LCase(Request.ServerVariables("HTTP_USER_AGENT"))
10: servername=Request.ServerVariables("SERVER_NAME")
11: Set bc=Server.CreateObject("MSWC.BrowserType")
12:
13: loc = Request("loc")
14: loc = LCase(loc)
15: loc = Replace(loc,"216.49.10.245","freehosting2.at.webjump.com")
16:
17: if InStr(loc,".gif") > 0 then
18:     Session("topon") = "1"
19: end if
20: if InStr(loc,".jpg") > 0 then
21:     Session("topon") = "1"
22: end if
23:
24: 'now pull in the meta tags for search engines
25: Set Folder = CreateObject("Scripting.FileSystemObject")
26: username = Request("minisite")
27: validstr = "abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ"
28: if Len(username) <= 1 then
29:     pathfolder = "a1"
30: else
31:     achar = Left(username,1)
32:     if Instr(validstr,achar) > 0 then
33:         achar = Mid(username,2,1)
34:         if Instr(validstr,achar) > 0 then
35:             pathfolder = Left(username,2)
36:         else
37:             pathfolder = "a1"
38:         end if
39:     else
40:         pathfolder = "a1"
41:     end if
42: end if
43:
44: 'splitting to different netapp box here
45: if Len(pathfolder) > 1 then
46:     chartxt = Left(pathfolder,1)
47: else
48:     chartxt = pathfolder
49: end if
50: firstpart="abcdefghijklABCDEFGHIJKL"
51: if InStr(firstpart,chartxt) then
52:     netappbox = "1"
53: else
54:     loc = Replace(loc,"freehosting2.","freehosting1.")
55:     netappbox = "3"
56: end if
57:
58: if netappbox = "1" then
59:     path = "y:\wj\" & pathfolder & "\" & username & "\meta.txt"
60: else
61:     path = "u:\wj\" & pathfolder & "\" & username & "\meta.txt"
62: end if
63:
64: sitetitle = ""
65: On Error Resume Next
```

```
66: if Folder.FileExists (path) then
67:      Set hFile = Folder.OpenTextFile(path,1)
68:      if Not hFile.AtEndOfStream then
69:          sitetitle = hFile.ReadLine
70:     .    sitedesc = hFile.ReadLine
71:          do while Not hFile.AtEndOfStream
72:              linetxt = hFile.ReadLine
73:              if InStr(linetxt,"cat=") > 0 then
74:  .               adstxt = Mid(linetxt,5)
75:              elseif InStr(linetxt,"space=") > 0 then
76:                  spacetxt = Mid(linetxt,7)
77:              else
78:                  keyword = keyword & linetxt
79:              end if
80:          loop
81:      end if
82:      hFile.Close
83: end if
84: Set Folder = Nothing
85:
86: if InStr(loc,"wesuck.oral") then
87:      Response.Redirect "http://freehosting2.at.webjump.com/webjump/badbrowser.asp"
88: end if
89:
90: bookmark= .servername & Request("urltail")
91: if Session("topon") <>."1" then
92:       Session("topon") = "1"
93:       Session("loc") = loc
94:      %>
95:      <HTML>
96:      <HEAD>
97:      <% if sitetitle <> "" then %>
98:          <title><%=sitetitle%></title>
99:      <% else %>
100:         <title><%=bookmark%></title>
101:     <% end if %>
102:     <meta name="Description" CONTENT="<%=sitedesc%><%=bc.browser%><%=bc.version%>">
103:     <meta name="KeyWords" CONTENT="<%=keyword%> <%=spacetxt%>">
104:     </HEAD>
105:     <% if InStr(sagent,"msie") > 0 then %>
106:         <% if InStr(sagent,"mac") > 0 then %>
107:             <FRAMESET rows="62,*" border="2" framespacing="1" frameborder="YES"
     bordercolor="#CCCCCC" topmargin="0" leftmargin="0" marginheight="0" marginwidth="0">
108:             <FRAMESET cols="265,*" border="0" framespacing="0" frameborder="NO" topmargin="0"
     leftmargin="0" marginheight="0" marginwidth="0">
109:             <FRAME src="http://bannervip.webjump.com/webjump/valet/a3.html" name="topleft"
     scrolling="NO" noresize>
110:             <FRAME
     src="http://bannervip.webjump.com/webjump/valet/b3.asp?maincat=<%=maincat%>&subcats=<%=adstxt
     %>"" name="bot" scrolling="NO" noresize>
111:         .<% else %>
112:             <FRAMESET rows="66,*" border="2" framespacing="1" frameborder="YES"
     bordercolor="#B8B8B8" topmargin="0" leftmargin="0" marginheight="0" marginwidth="0">
113:             <FRAMESET cols="265,*" border="0" framespacing="0" frameborder="NO" topmargin="0"
     leftmargin="0" marginheight="0" marginwidth="0">
114:             <FRAME src="http://bannervip.webjump.com/webjump/valet/a.html" name="topleft"
     scrolling="NO" noresize>
115:             <FRAME
     src="http://bannervip.webjump.com/webjump/valet/b.asp?maincat=<%=maincat%>&subcats=<%=adstxt%
     >"" name="bot" scrolling="NO" noresize>
116:         <% end if %>
117:     <% else %>
118:         <% if InStr(sagent,"4.") > 0 and InStr(sagent,"mac") > 0 then %>
119:             <FRAMESET rows="66,*" framespacing="1" frameborder="YES" bordercolor="#CCCCCC" >
120:             <FRAMESET cols="275,*" framespacing="1" frameborder="YES" bordercolor="#CCCCCC">
```

```
121:               <FRAME src="http://bannervip.webjump.com/webjump/valet/a2.html" name="topleft"
      scrolling="NO" noresize>
122:               <FRAME
      src="http://bannervip.webjump.com/webjump/valet/b2.asp?maincat=<%=maincat%>&subcats=<%=adstxt
      %>"" name="bot" scrolling="NO" noresize>
123:          <% elseif InStr(sagent,"3.") > 0 and InStr(sagent,"mac") > 0 then %>
124:               <FRAMESET rows="66,*" frameborder="YES" framespacing="1" bordercolor="#CCCCCC" >
125:               <FRAMESET cols="270,*" frameborder="YES" framespacing="1" bordercolor="#CCCCCC">
126:               <FRAME src="http://bannervip.webjump.com/webjump/valet/a4.html" name="topleft"
      scrolling="NO" noresize>
127:               <FRAME
      src="http://bannervip.webjump.com/webjump/valet/b4.asp?maincat=<%=maincat%>&subcats=<%=adstxt
      %>"" name="bot" scrolling="NO" noresize>
128:          <% else %>
129:               <FRAMESET rows="68,*" bordercolor="#BDBDBB" frameborder="YES">
130:               <FRAMESET cols="265,*" border="0" framespacing="1" frameborder="YES">
131:               <FRAME src="http://bannervip.webjump.com/webjump/valet/a1.html" name="topleft"
      scrolling="NO" noresize>
132:               <FRAME
      src="http://bannervip.webjump.com/webjump/valet/b1..asp?maincat=<%=maincat%>&subcats=<%=adstxt
      %>"" name="bot" scrolling="NO" noresize>
133:          <% end if %>
134:     <% end if %>
135:     </FRAMESET>
136:     <FRAME src="<%=loc%>" name="wj_m" noresize>
137:     </FRAMESET>
138:     <NOFRAMES>
139:
140:     <BODY bgcolor="#ffffff">
141:     <FONT color="#ffffff" size="1"><BR>
142:     Site Description: <%=sitedesc%><BR><BR>
143:     Site Keywords: <%=keyword%><BR><BR><BR><BR>
144:     Browser=<%=bc.browser%><BR>
145:     Version=<%=bc.version%><BR>
146:     <BR>
147:     <BR>
148:     <BR>
149:     <BR>
150:     <BR>
151:     <BR>
152:     <BR>
153:     <BR>
154:     <BR>
155:     <BR>
156:     </FONT>
157:     <P><B>If you're seeing this page your web browser does not support HTTP 1.1</B></P>
158:     <P>We would recommend that you upgrade to the current versions<BR>
159:     of either Netscape Navigator or Microsoft Internet Explorer.</P>
160:     <P>Click one of the buttons below to download the software:</P>
161:     <P><A href="http://home.netscape.com/download/">Netscape Browser</A> <A
      href="http://www.microsoft.com/ie/logo.asp">IE Browser</A></P>
162:     <P><BR>
163:     </P>
164:     <P><FONT color="#cc0033" face="Arial,Helvetica,sans-serif"
      size="1"><B>FREE</B></FONT><B><FONT size="1" face="Arial,Helvetica,sans-serif"> hosting by <A
      href="http://www.webjump.com">WebJump!</A></FONT></B></P>
165:     <P><FONT size="1" face="Arial,Helvetica,sans-serif">&copy; Copyright 1997-98 Infonent,
      Inc. All rights reserved.</FONT>
166:     </BODY>
167:
168:     </NOFRAMES>
169:     </HTML>
170: <% else %>
171:     <% Response.Redirect loc %>
172:     <html>
```

```
173:        <head>
174:        <title>New Page 2</title>
175:        <body>
176:        </body>
177:        </html>
178: <% end if
     %>
```